SAUGAT RAUNIYAR

Computer Science Undergraduate | Full-Stack Developer | AI & Cybersecurity

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SUMMARY

B.E. Computer Science undergraduate (CGPA 9.5/10) who builds products for real problems: **2nd place, SecLeaf CTF 2026**, **3rd of 50+ teams, HackaFest 2026**, an AI radiology workstation built at TECHASHY 2.0 (IIIT Kottayam), a hostel-allocation platform for college students, and two live client websites. Focused on full-stack development, AI/ML integration, and application & API security.

EDUCATION

Siddaganga Institute of Technology, Tumakuru 2025 – 2029
B.E. Computer Science & Engineering | CGPA: 9.5/10 (current)

TECHNICAL SKILLS

Languages: C, C++, Java, Python, JavaScript, TypeScript, SQL
Frontend: React.js, Next.js, Tailwind CSS, HTML5, CSS3
Backend & Databases: Node.js, Express.js, FastAPI, PHP, PostgreSQL, MySQL, Firebase
AI & ML: Generative AI, LLM integration, Prompt Engineering, OpenCV, OCR
Cybersecurity: API Security, Threat-Intelligence APIs, WHOIS/DNS/SSL Analysis, CTF
Tools: Git, GitHub, Vercel, VS Code, Google Colab

SELECTED PROJECTS

Impostr – AI Threat Intelligence & Domain Forensics Platform Live | GitHub
3rd Place, HackaFest 2026 (50+ teams) | Team of 2

- Placed 3rd among 50+ teams by building, with one teammate, a URL/domain investigation platform in a single event window.
- Unified 4 live threat-intel feeds (URLhaus, PhishTank, OpenPhish, crt.sh) and 3 lookup types (WHOIS, DNS, SSL) into one verdict view by writing API aggregation and response-normalization logic.
- Enabled instant scam/phishing triage of pasted text and visual tracing of domain infrastructure by integrating an AI text analyzer and an interactive network graph.

Lucerna – Distributed AI Diagnostic Workstation for Radiology
TECHASHY 2.0, IIIT Kottayam | Team Aether (3 members)

- Co-built a distributed AI workstation that gives radiology workflows preliminary findings, image-quality screening, and plain-language explanations for settings where specialists may be scarce, with clinicians kept in the loop as decision-makers.
- Owned the evidence-grounded report-generation agent, turning upstream imaging findings into structured clinician-facing reports with Google MedGemma 4B-IT, JSON output validation, and a deterministic template fallback.
- Protected patient privacy by design: environment-based credentials, no identifiable patient data sent externally by default, synthetic test data.

DORMEX – College Hostel Allocation & Management Platform GitHub
Solving a real hostel-allotment problem for college students | In development; piloted on a synthetic 30-student cohort

- Prevented double-booking at the database layer by enforcing one current allocation per seat and per student in each cycle with PostgreSQL partial unique indexes.
- Ensured fair priority-based allocation by building a server-authoritative engine that enforces turns, timeouts, and lateness penalties on server timestamps, treating client clocks and priorities as untrusted.
- Secured student data with 6-role access control, private priority numbers, and an append-only audit trail for forced overrides.
- Delivered the student workflow end to end: SVG floor-plan seat selection, roommate invites, complaints, 48-hour room changes, and a dry-run allocation simulator.

ACHIEVEMENTS

- **SecLeaf CTF 2026 – 2nd Place:** Secured 2nd place with 7,407 points in a 24-hour CTF as part of Team Merp Era, alongside Prem Gopal Soni and Snehil Pandey.
- **HackaFest 2026 – 3rd Place:** Placed 3rd among 50+ teams at Biratnagar International College with Impostr, an AI-powered threat-investigation platform.

CLIENT WORK

Capital Marketing – Corporate Gifting Website (Nepal) capitalmarketingnp.com | Live

- Launched a production site with a public product catalogue and customer-inquiry channel by building the showcase, company pages, and inquiry flow end to end.

ShubhLabh Construction – Company Website shubhlabhconstruction.com.np | Live

- Gave a construction firm a responsive web presence by building service, project, and contact sections that capture leads.

CERTIFICATIONS

API Security – APIsec University (2026) | Claude Code in Action – Anthropic (2026) | Prompt Engineering – Infosys Springboard (2026) | Getting Started with AI on Jetson Nano – NVIDIA (2025) | Generative AI Literacy – NASSCOM FutureSkills Prime (2025)